

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in the above-captioned patent application:

Listing of Claims:

Claim 1 (currently amended): An electromagnetic assembly for an electromagnetic apparatus comprising:

a ring case comprising:

a first [end] portion having [an opening] a passage formed therein, wherein said passage has a first open end and a second open end; and

a second [end] portion having an annular groove formed therein;

a coil bobbin disposed in said annular groove, wherein said coil bobbin comprises:

a ring member comprising a tubular spool with a pair of annular flanges projecting radially from said spool; and

an electrical wire, wherein said electrical wire is wound around said spool between said flanges; and

a connector arrangement comprising:

a body portion; and

a projection portion extending from said body portion and into said [opening] passage, wherein a first end of said projection portion contacts said body portion, and a second end of said projection portion [directly] contacts one of said annular flanges [of said ring member] and is flush with said second open end of said passage.

Claim 2. (currently amended): The electromagnet of claim 1, wherein said [first] projection portion [of said connector] is fitted pressedly into said [opening] passage.

Claim 3 (withdrawn).

Claim 4. (currently amended): The electromagnet of claim 1, wherein a side surface of said [first] projection portion [formed on said connector] is fixed adhesively to an annular wall of said [opening] passage.

Claims 5-19 (withdrawn).